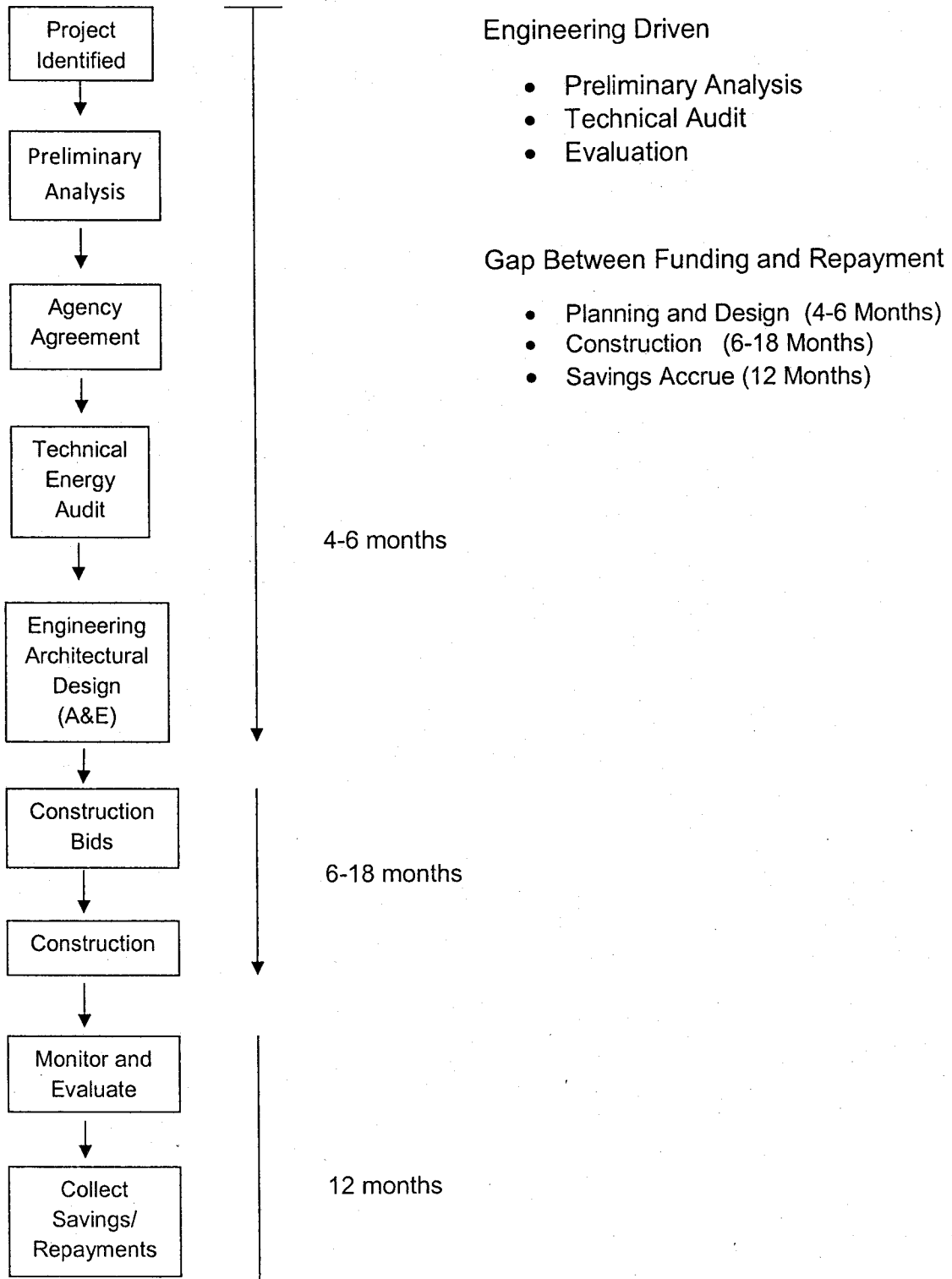
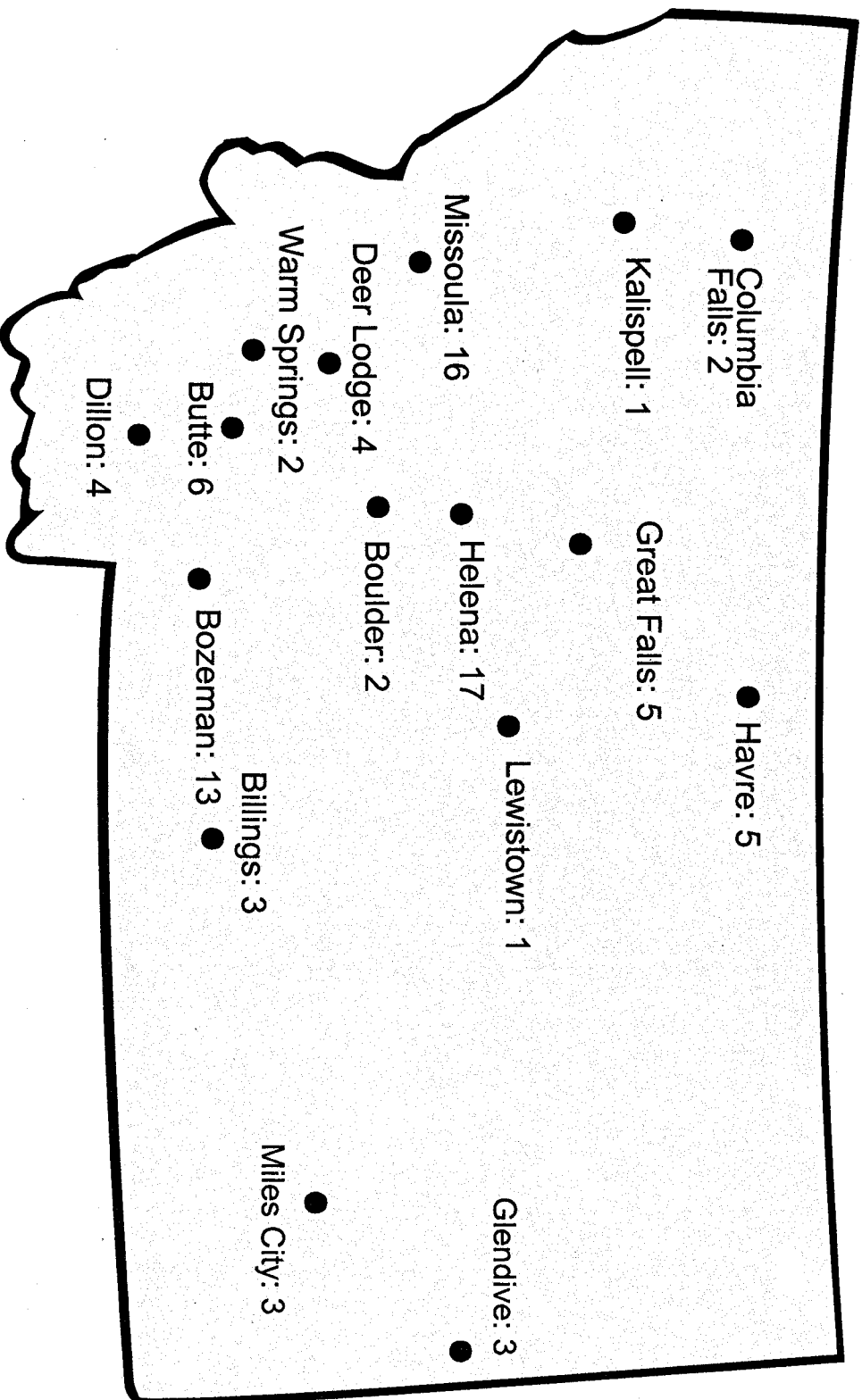


State Buildings Energy Conservation Program

Project Flow Chart



Montana Department of Environmental Quality State Building Energy Conservation Program 2010 — 2013 Projects



Billings: 2 state; 1 on-campus
Boulder: 2 state
Bozeman: 1 state; 12 on-campus
Butte: 1 state; 5 on-campus
Columbia Falls: 2 state

Deer Lodge: 4 state
Dillon: 4 on-campus
Glendive: 2 state; 1 on-campus
Great Falls: 5 state
Havre: 5 on-campus

Helena: 15 state; 2 on-campus
Kalispell: 1 state
Miles City: 2 state; 1 on-campus
Missoula: 4 state; 12 on-campus
Lewistown: 1 state
Warm Springs: 2 state

DEPARTMENT OF ENVIRONMENTAL QUALITY
State Buildings Energy Conservation Program Project Status
Performance Measures Report January, 2010

| Agency (of project) / Project Name | Funding Type - Capital Project (CP) or FS/ARRA | Project Cost or Estimate (bold indicates the project cost) | Energy Savings | Type of Project | Planning Stage | Completed with Other Funding | Cancelled - not enough energy savings | Energy Study | In Design | In Construction | Complete | Estimated Date of Completion | A&E Expenditures |
|---|--|--|----------------|-----------------|----------------|------------------------------|---------------------------------------|--------------|-----------|-----------------|----------|------------------------------|------------------|
| DEPARTMENT OF ADMINISTRATION | | | | | | | | | | | | | |
| Aviation Support Building | FS-ARRA | \$100,000 | \$8,377 | Mechanical | | | | | X | | | Nov-11 | 0 |
| Capitol Complex Boiler Plant | FS-ARRA | \$182,650 | \$15,300 | Mechanical | | | | | | | X | Complete | 182,650 |
| Wait Sullivan Building | FS-ARRA | \$328,250 | \$27,723 | Mechanical | | | | | | | X | Complete | 328,210 |
| Department of Justice Building | FS-ARRA | \$225,000 | \$17,089 | Lighting | | | | | | X | | Jan-11 | 221,625 |
| DCG Lee Metcalf Building | FS-ARRA | \$215,000 | \$16,330 | Lighting | | | | | | X | | Jan-11 | 210,875 |
| Cogswell Building | FS-ARRA | \$36,750 | \$0 | Mechanical | | | | | | | X | Complete | 36,750 |
| Dept. of Health and Human Services Sanders Building | FS-ARRA | \$0 | \$0 | Mechanical | | | X | | | | | None | 0 |
| Fish, Wildlife and Parks Building | FS-ARRA | \$80,000 | \$6,701 | Mechanical | | | | | X | | | Nov-11 | 0 |
| Scott Hart building-Dept of Ag, Livestock and Justice | FS-ARRA | \$0 | \$0 | Mechanical | | | | | | | | None | 0 |
| 62nd Session LFBP Projects | FS-ARRA | \$400,000 | \$20,000 | Mechanical | X | | | | | | | None | 0 |
| | | \$1,567,650 | | | | | | | | | | tbd | 0 |
| CABINET ENERGY PROJECTS | | | | | | | | | | | | | |
| Residential Office Buildings 6th and 8th Avenue | FS-ARRA | \$0 | \$0 | Mechanical | | X | | | | | | None | 0 |
| Cabinet Agency Mechanical Insulation | FS-ARRA | \$231,000 | \$30,000 | Mechanical | X | | | | | | | Jun-11 | 0 |
| Department of Agriculture | | | | | | | | | | | | | |
| State Grain Lab Mechanical Upgrades | FS-ARRA | \$0 | \$0 | Mechanical | | X | | | | | | None | 0 |
| Department of Commerce | | | | | | | | | | | | | |
| Reader's Alley and Historical Sites in Virginia City | CP | \$0 | \$0 | Lights & Mech | | X | | | | | | None | 0 |
| Department of Fish, Wildlife, and Parks | | | | | | | | | | | | | |
| Hatcheries, Miles City, Fort Peck, Anaconda | FS-ARRA | \$189,388 | \$10,000 | Lights & Mech | X | | | | | | | Jun-11 | 0 |
| Regional Headquarters, Billings | FS-ARRA | \$40,000 | \$2,563 | Lights & Mech | | | | | X | | | Sep-11 | 0 |
| Regional Headquarters, Missoula | FS-ARRA | \$25,000 | \$1,500 | Lights & Mech | X | | | | | | | tbd | 0 |
| Regional Headquarters, Great Falls | FS-ARRA | \$44,281 | \$3,725 | Lights & Mech | | | | | | | X | Complete | 44,281 |
| Regional Headquarters, Kalispell | FS-ARRA | \$53,318 | \$4,983 | Lights & Mech | | | | | | | X | Complete | 53,318 |
| Regional Headquarters, Miles City | CP/FS-ARRA | \$27,122 | \$1,541 | Lights & Mech | | | | | | | X | Complete | 23,136 |
| 62nd Session FWP Admin Facility Projects | FS-ARRA | \$300,000 | \$15,000 | Lights & Mech | X | | | | | | | tbd | |
| Department of Justice | | | | | | | | | | | | | |
| Highway Patrol Heating and Envelope | FS-ARRA | \$0 | \$0 | Lights & Mech | | | X | | | | | None | 0 |
| State Crime Lab | FS-ARRA | \$675,000 | \$45,371 | Mechanical | | | | | | X | | Sep-11 | 449,177 |
| Department of Labor and Industry | | | | | | | | | | | | | |
| Workforce Center, Missoula | FS-ARRA | \$0 | \$0 | Mechanical | | | X | | | | | None | 0 |
| Workforce Center, Great Falls | FS-ARRA | \$126,290 | \$10,580 | Mechanical | | | | | | | X | Complete | 126,290 |
| Workforce Center, Butte | FS-ARRA | \$10,000 | \$600 | Mechanical | | | | | | | | tbd | 0 |
| Workforce Center, Miles City | FS-ARRA | \$15,000 | \$900 | Lighting | X | | | | | | | tbd | 0 |
| Workforce Center, Bozeman | FS-ARRA | \$20,830 | \$2,489 | Mechanical | | | | | | | X | Complete | 14,494 |
| Workforce Center, Helena | FS-ARRA | \$25,000 | \$1,200 | Mechanical | X | | | | | | | tbd | 0 |
| Department of Natural Resources & Conservation | | | | | | | | | | | | | |
| Spurgin Road Complex | FS-ARRA | \$46,000 | \$3,662 | Lighting | | | | | | | X | Complete | 42,336 |
| Office Offices Campuses Statewide | FS-ARRA | \$0 | \$0 | Lights & Mech | | | X | | | | | None | 0 |
| Office of Public Instruction | FS-ARRA | | | | | | | | | | | | |
| 1227 11th Avenue | FS-ARRA | \$0 | \$0 | Mechanical | | X | | | | | | None | 0 |
| 1300 11th Avenue | FS-ARRA | \$0 | \$0 | Mechanical | | X | | | | | | None | 0 |
| Department of Transportation | | | | | | | | | | | | | |
| Helena Headquarters | FS-ARRA | \$669,000 | \$40,329 | Mechanical | | | | | X | | | Oct-11 | 36,041 |
| Helena Shop | FS-ARRA | \$258,330 | \$7,276 | Lights & Mech | | | | | X | | | Oct-11 | 20,200 |
| Billings Division Office | FS-ARRA | \$84,000 | \$7,036 | Lights & Mech | | | | | | | X | Complete | 83,000 |
| Missoula Division Offices | FS-ARRA | \$39,276 | \$3,280 | Lights & Mech | | | | | | | X | Complete | 34,926 |
| Great Falls Division Offices | FS-ARRA | \$102,000 | \$5,544 | Lights & Mech | | | | | | | X | Complete | 97,650 |
| Lewistown Division Offices | FS-ARRA | \$22,796 | \$0 | Lights & Mech | | | X | | | | | Complete | 22,796 |
| Butte Division Offices | FS-ARRA | \$0 | \$0 | Lights & Mech | | X | | | | | | tbd | 0 |
| Traffic Signals Statewide - Phase 1 | FS-ARRA | \$159,183 | \$83,191 | Lighting | | | | | X | | | Apr-11 | 159,183 |

| Agency (of project) / Project Name | Funding Type - Capital Project (CP) or FS/ARRA | Project Cost or Estimate (bold indicates the project cost) | Energy Savings | Type of Project | Planning Stage | Completed with Other Funding | Cancelled - not enough energy savings | Energy Study | In Design | In Construction | Complete | Estimated Date of Completion | A&E Expenditures |
|--|--|--|----------------|-----------------|----------------|------------------------------|---------------------------------------|--------------|-----------|-----------------|----------|------------------------------|------------------|
| Traffic Signals Statewide - Phase 2 | FS-ARRA | \$226,817 | \$50,000 | Lighting | X | | | | | | | Oct-11 | 0 |
| Helena HQ and Shop Lighting | FS-ARRA | \$386,801 | \$26,335 | Lighting | | | | | | X | | Jan-11 | 384,560 |
| 62nd Session MDT Statewide Shop Projects | FS-ARRA | \$500,000 | \$25,000 | Lights & Mech | X | | | | | | | | 0 |
| Subtotal | | \$4,276,432 | | | | | | | | | | | |
| DEPARTMENT OF CORRECTIONS | | | | | | | | | | | | | |
| Close 3 Unit and Maximum Security Unit | FS-ARRA | \$646,069 | \$44,770 | Lights & Mech | | | | | | | X | Complete | 646,069 |
| Roche and low Support Unit | FS-ARRA | \$477,230 | \$32,884 | Lights & Mech | | | | | | X | | Mar-11 | 477,230 |
| Riverside | FS-ARRA | \$280,509 | \$20,905 | Mechanical | | | | | | | X | Complete | 259,119 |
| Watch East | FS-ARRA | \$290,000 | \$19,493 | Lights & Mech | | | | | X | | | Apr-11 | 3,760 |
| Boat camp Biomass Boiler | CP | \$66,000 | \$6,631 | Mechanical | | | | | X | | | Sep-11 | 15,100 |
| Low Side Projects | CP/FS-ARRA | \$1,400,000 | \$60,000 | Mechanical | X | | | | | | | Sep-11 | 0 |
| Subtotal | | \$3,139,808 | | | | | | | | | | | |
| DEPARTMENT OF MILITARY AFFAIRS | | | | | | | | | | | | | |
| Statewide Buildings | CP | \$0 | \$0 | | | X | | | | | | None | 0 |
| Subtotal | | \$0 | | | | | | | | | | | |
| DEPARTMENT OF HEALTH AND HUMAN SERVICES | | | | | | | | | | | | | |
| Montana Veteran's Home Improvements | FS-ARRA | \$492,218 | \$37,385 | Mechanical | | | | | | | X | Complete | 492,218 |
| Montana Mental Health Nursing Care | FS-ARRA | \$166,850 | \$12,673 | Mechanical | | | | | | X | | Apr-11 | 11,787 |
| Montana State Hospital | FS-ARRA | \$820,257 | \$68,710 | Mechanical | | | | | | X | | Mar-11 | 820,257 |
| Montana Developmental Center | FS-ARRA | \$336,704 | \$29,219 | Mechanical | | | | | | X | | Jan-11 | 310,893 |
| Montana Veteran's Home Chapel | FS-ARRA | \$28,547 | \$1,919 | Mechanical | | | | | | | X | Complete | 28,547 |
| Eastern Montana Veteran's Home - Phase 2 | FS-ARRA | \$286,000 | \$2,681 | Mechanical | | | | | X | | | Sep-11 | 0 |
| Warm Springs Gas Lines | CP/FS-ARRA | \$665,000 | \$40,000 | Mechanical | | | | | X | | | Oct-11 | 0 |
| Subtotal | | \$2,795,576 | | | | | | | | | | | |
| DEPARTMENT OF REVENUE | | | | | | | | | | | | | |
| Liquor Distribution Warehouse | CP | \$460,000 | \$32,114 | Lights & Mech | | | | | | X | | Feb-11 | 0 |
| Subtotal | | \$460,000 | | | | | | | | | | | |
| MONTANA SCHOOL FOR THE DEAF AND BLIND | | | | | | | | | | | | | |
| Vocational Building | CP | \$25,000 | \$2,218 | Lights & Mech | | | | | | | X | Complete | 0 |
| Subtotal | | \$25,000 | | | | | | | | | | | |
| MONTANA UNIVERSITY SYSTEM | | | | | | | | | | | | | |
| UM Campus Steam Trap Repair | FS-ARRA | \$179,094 | \$39,106 | Mechanical | | | | | | | X | Complete | 150,697 |
| UM Snags Building | FS-ARRA | \$701,070 | \$47,118 | Lights & Mech | | | | | X | | | Feb-12 | 43,065 |
| UM Education Building | FS-ARRA | \$214,000 | \$18,536 | Lights & Mech | | | | | | | X | Complete | 207,483 |
| UM Bio Research Building | FS-ARRA | \$207,145 | \$18,338 | Mechanical | | | | | | X | | Mar-11 | 110,204 |
| UM Anderson Building | FS-ARRA | \$63,000 | \$6,551 | Mechanical | | | | | | | X | Complete | 56,808 |
| UM Fine Arts Building | FS-ARRA | \$243,000 | \$20,669 | Lights & Mech | | | | | | | X | Complete | 240,225 |
| UM Music Building | FS-ARRA | \$300,000 | \$25,947 | Lights & Mech | | | | | | | X | Complete | 297,195 |
| UM Honors Building | FS-ARRA | \$26,730 | \$1,407 | Mechanical | | | | | | X | | Oct-11 | 5,730 |
| UM Campus Lighting Upgrade | FS-ARRA | \$334,234 | \$11,244 | Lighting | | | | | | X | | Oct-11 | 121,767 |
| UM Campus DHW Upgrade | FS-ARRA | \$20,000 | \$1,200 | Mechanical | X | | | | | | | tbd | 0 |
| UM Natural Science | FS-ARRA | \$10,000 | \$600 | Mechanical | X | | | | | | | tbd | 0 |
| UM Lighting Continuation | FS-ARRA | \$200,000 | \$12,000 | Lighting | X | | | | | | X | Complete | 507,358 |
| MSU Billings Science Building | FS-ARRA | \$518,293 | \$41,262 | Mechanical | | | | | | | | Feb-11 | 189,341 |
| MSU Engineering Physical Sciences | FS-ARRA | \$325,119 | \$55,253 | Mechanical | | | | | | X | | Feb-11 | 832,000 |
| MSU Cobleigh Building | FS-ARRA | \$932,000 | \$79,461 | Mechanical | | | | | | X | | Feb-11 | 49,489 |
| MSU Lewis Hall Lighting | FS-ARRA | \$65,100 | \$5,764 | Lighting | | | | | | X | | Feb-11 | 52,471 |
| MSU Reid Hall Lighting | FS-ARRA | \$62,756 | \$5,764 | Lighting | | | | | | X | | Feb-11 | 28,692 |
| MSU Culbertson Lighting | FS-ARRA | \$30,387 | \$2,882 | Lighting | | | | | | X | | Feb-11 | 0 |
| MSU Leon Johnson Building | FS-ARRA | \$500,000 | \$33,608 | Mechanical | | | | | X | | | Dec-11 | 698,000 |
| MSU Wilson Building | FS-ARRA | \$698,693 | \$59,340 | Mechanical | | | | | | X | | Dec-10 | 159,770 |
| MSU Student Union Building | FS-ARRA | \$232,497 | \$23,686 | Lights & Mech | | | | | | X | | None | 3,660 |
| MSU Marsh Lab | FS-ARRA | \$111,830 | \$8,364 | Mechanical | | | X | | | | | tbd | 0 |
| MSU Viscum Lighting | FS-ARRA | \$44,000 | \$3,700 | Lighting | | | | X | | | | None | 0 |
| MSU Wilson Lighting | FS-ARRA | \$0 | \$0 | Lighting | X | | | | | | | tbd | 0 |
| MSU Central Chiller Plant | FS-ARRA | \$2,000,000 | \$200,000 | Mechanical | X | | | | | | | tbd | 0 |

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|-------------------------------------|--|--|----------------|-----------------|----------------|------------------------------|---------------------------------------|--------------|-----------|-----------------|----------|------------------------------|------------------|
| MSU Lighting Continuation | FS-ARRA | \$200,000 | \$12,000 | Lighting | X | | | | | | | tbd | 0 |
| MSUN Physical Plant | FS-ARRA | \$25,000 | \$2,149 | Mechanical | | | | | | | X | Complete | 25,000 |
| MSUN Hagener Hall | FS-ARRA | \$275,845 | \$18,541 | Mechanical | | | | | | X | | Feb-11 | 251,421 |
| MSUN Electronics Tech | FS-ARRA | \$50,000 | \$4,188 | Mechanical | | | | X | | | | Aug-11 | 0 |
| MSUN Metals Tech | FS-ARRA | \$50,000 | \$4,188 | Mechanical | | | | X | | | | Aug-11 | 0 |
| MSUN Armory Gymnasium | FS-ARRA | \$50,000 | \$4,188 | Lighting | | | | X | | | | Aug-11 | 0 |
| MT Tech Engineering Lab/Classroom | FS-ARRA | \$50,250 | \$5,085 | Lighting | | | | | | | X | Complete | 50,250 |
| MT Tech Campus Lighting | FS-ARRA | \$170,000 | \$11,763 | Lighting | | | | | | X | | Complete | 168,535 |
| MT Tech Mining and Geology Building | FS-ARRA | \$400,000 | \$33,507 | Mechanical | | | | | X | | | Feb-11 | 400,000 |
| MT Tech Health, PE Building | FS-ARRA | \$150,000 | \$12,565 | Lighting | | | | | X | | | Aug-11 | 0 |
| MT Tech Allied Health Building | FS-ARRA | \$130,890 | \$11,587 | Lights & Mech | | | | | | X | | Sep-11 | 130,681 |
| UM Helena COT Airport Campus | FS-ARRA | \$365,000 | \$27,723 | Lights & Mech | | | | | | X | | Sep-11 | 365,000 |
| UM Helena COT Donaldson | FS-ARRA | \$200,000 | \$15,000 | Lights & Mech | | | | X | | | | tbd | 0 |
| UMW Library Admin | FS-ARRA | \$112,777 | \$15,000 | Lights & Mech | | | | | X | | | Apr-11 | 112,777 |
| UMW Student Union Building | FS-ARRA | \$118,666 | \$2,000 | Mechanical | | | | | | X | | Apr-11 | 34,197 |
| UMW Campus wide Lighting | FS-ARRA | \$147,000 | \$11,158 | Lighting | | | | | X | | | Sep-11 | 11,049 |
| UMW IT Woods | FS-ARRA | \$41,000 | \$2,758 | Mechanical | | | | X | | | | tbd | 2,835 |
| Subtotal | | \$10,555,376 | \$0 | | | | | | | | | | |
| COMMUNITY COLLEGES | | | | | | | | | | | | | |
| Miles Community College | FS-ARRA | \$343,158 | \$23,553 | Mechanical | | | | | | X | | Jan-11 | 0 |
| Dawson Community College | FS-ARRA | \$75,000 | \$6,000 | Mechanical | X | | | | | | | tbd | 0 |
| Subtotal | | \$418,158 | | | | | | | | | | | 11,042,378 |
| TOTAL PROJECTS | | \$23,238,000 | \$1,853,000 | | | | | | | | | | |